



User Guide

Step-by-step tutorials
to help you use uCreate
resources.

www.ed.ac.uk/is/ucreate

Who is this guide for?

Information Services hosts two uCreate resource centres. They provide multimedia and specialist IT facilities on a self-service basis. The centres are located on the first floor of the Main Library [ML] and in the KB Study Centre, King's Buildings [KB].

This document will provide you with useful information and step-by-step instructions to get started with your multimedia projects in uCreate.

Guide currency

This document is continually updated. If you are using a printed version, please be aware that some of its content may have been superseded.

The current version is available in PDF format on the uCreate website:

www.ed.ac.uk/is/ucreate.

If you find any errors, or consider any section of the guide to be unclear or unhelpful, please inform uCreate using the contact details below.

If you require this document in an alternative format, such as large print, please call IS Helpline on 0131 651 5151 or email IS.Helpline@ed.ac.uk.

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Where any part of this document is included in another document, due acknowledgement is required.

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Scanning

Scan documents using Epson scanners on PCs



Note: If you encounter an error message when attempting a scan using any uCreate Epson scanner, please consult the Troubleshooting section on page 19.

1 If using the Epson Photo V500 or Photo 4990 scanner, make sure the underside of the scanner lid is covered.



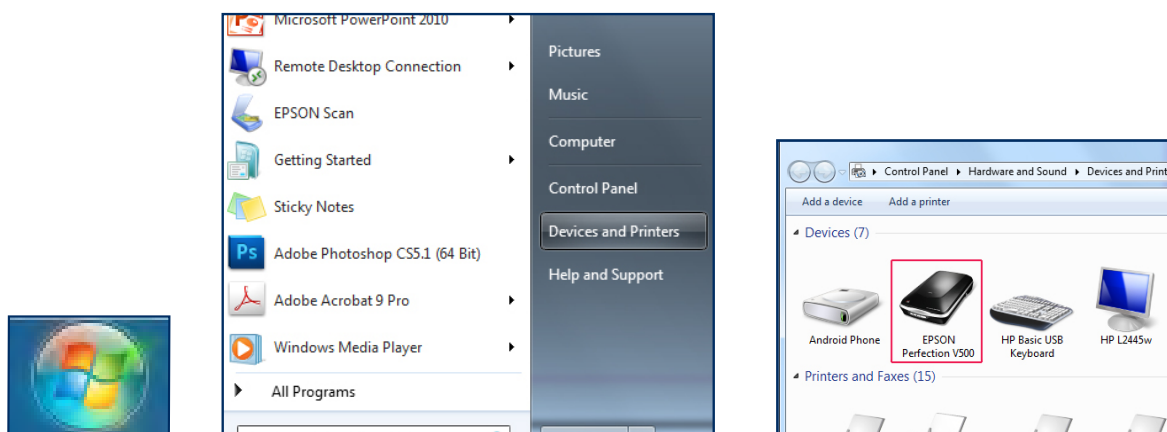
2 Place your document face down on the scanner glass. The corner of the document should touch the point of the embossed arrow on the scanner bed. Close the scanner lid.

3 Selecting a scanning method:

- Windows Scanning Wizard — simple scanning to image files (go to **step 4**, on this page)
- Adobe Acrobat Pro — scan directly to PDF (go to **step 5** on page 7)
- Epson Scan — more control over scan settings and image output (go to **step 6** on page 8)

4 Using the Scanning Wizard

- Click the start button, select **Devices and Printers** from the menu and double click the scanner icon in the **Devices** section at the top of the window.



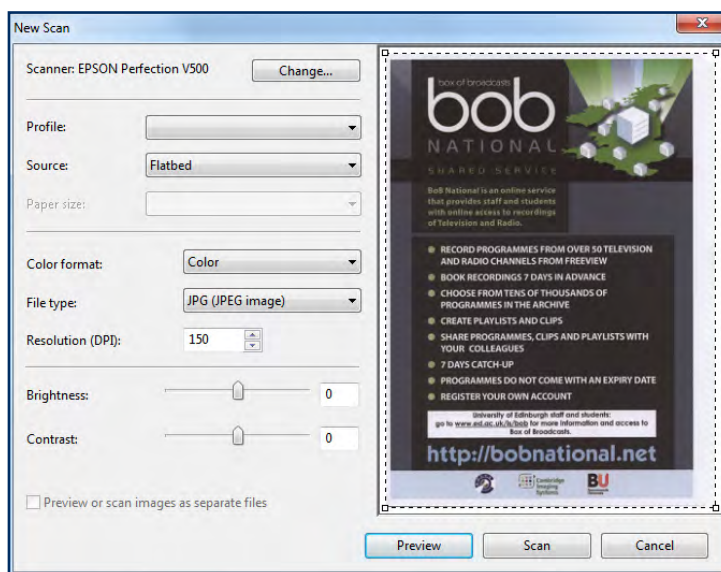
Opening the Windows scanning wizard

- Enter your preferred settings in the **New Scan** panel and click the **Preview** button.

Scan documents using Epson scanners on PCs

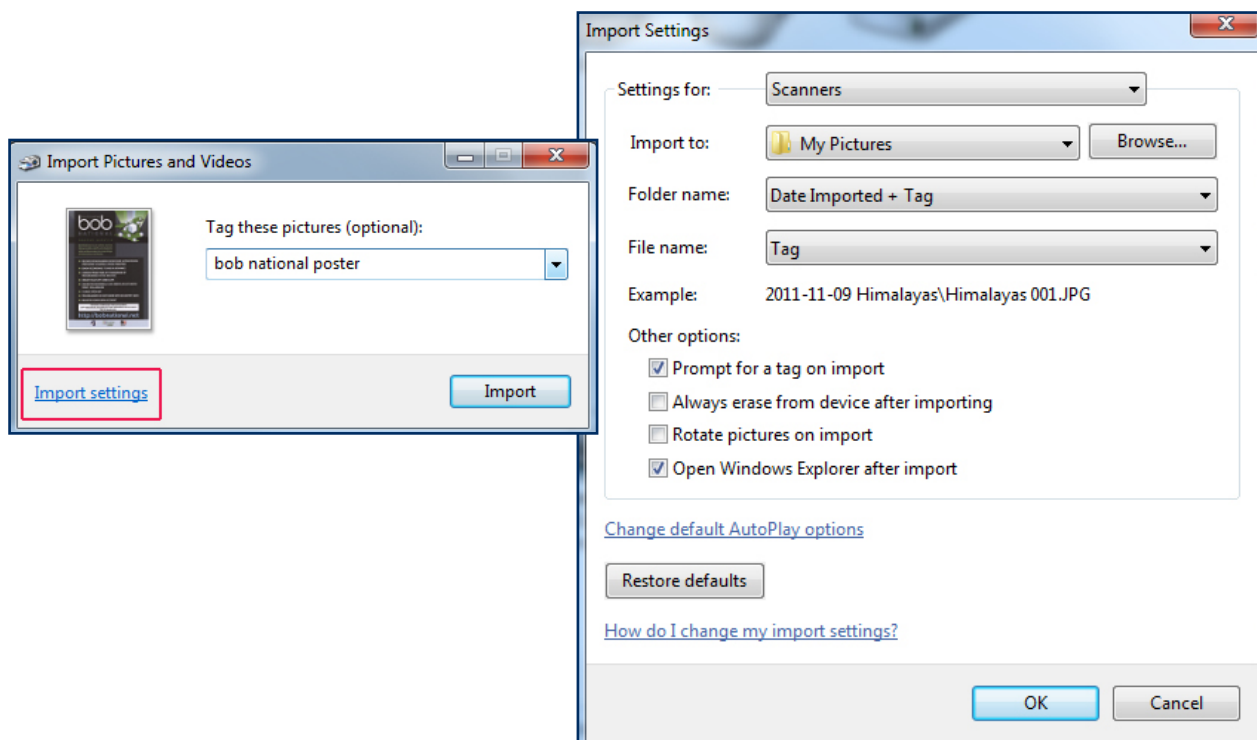
Note: The Windows wizard creates image files only. There are four image formats to choose from.

- You can move or resize the cropping marquee (the dotted line around the preview image) to define a more precise scan area.



Wizard New Scan panel with preview

- Click the **Scan** button. When scanning is complete, the **Import Pictures and Videos** panel will open. At this point, you can change the image import settings by clicking the **Import settings** link in the bottom left corner of the panel. For example, you may wish to save your scanned images a location other than your Home drive, which is the default location.



Wizard Import & Import Settings panels

Note: If you change the **Import Settings**, the application will reset, the **New Scan** panel will reopen and you will have to re-enter your initial settings.

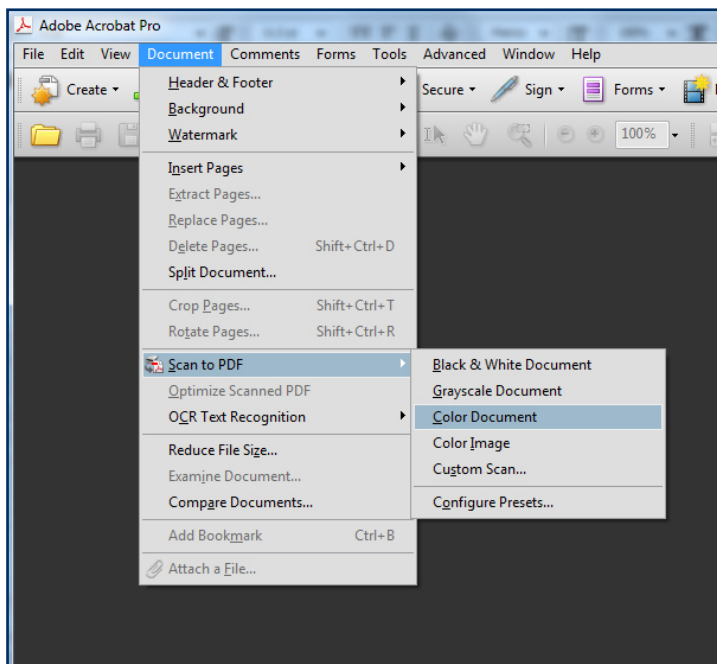
- When you are satisfied with the settings and have clicked the **Import** button, your scanned image will be saved to the default or set location. An Explorer window containing a thumbnail of your scanned image will open automatically.

Scan documents using Epson scanners on PCs

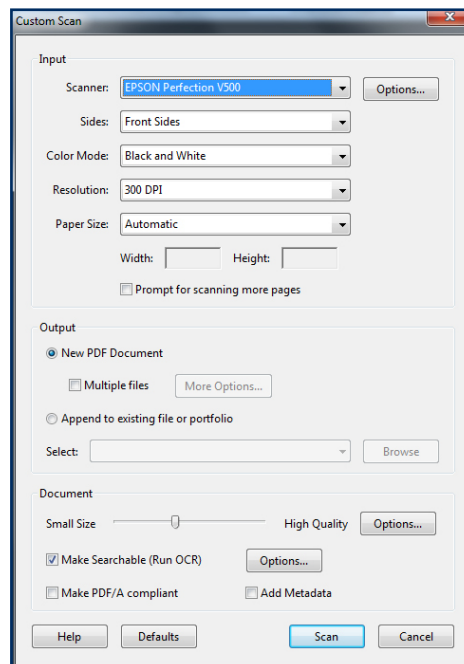
5 Scan to PDF using Adobe Acrobat Pro

- Click the **Start** button, select **All Programs > Adobe Acrobat Pro**.
- From the menu, select **Document > Scan to PDF** then select either the type of PDF document you want to output to (e.g. **Colour**) or select **Custom Scan** to enter your preferred settings before scanning.

Note: If an error message appears as you attempt to scan directly to PDF when using one of the first four menu options, then close the message and open the **Custom Scan** panel (**Document > Scan to PDF > Custom Scan**). Ensure that the scanner make and model details appear in the first drop down field.

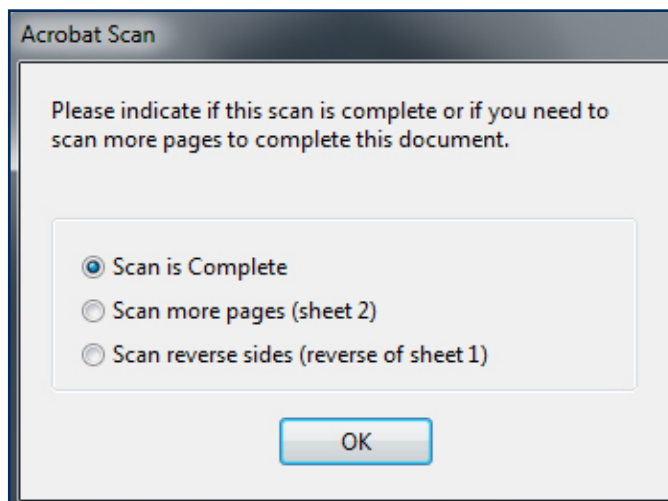


Select Scan to PDF in Acrobat



Acrobat Custom Scan

- When using the **Custom Scan** panel to enter your own scan settings, tick the **Prompt for scanning more pages** option if you want to create a multi-page PDF. Click the **Scan** button at the bottom of this panel when you have completed your settings.
- When the initial scan is complete, a small **Acrobat Scan** panel will appear. This allows you to continue scanning pages to a single PDF document. Once you have scanned all the pages you want to include a single PDF, select **Scan is complete** in this panel.



Acrobat Scan continuation panel

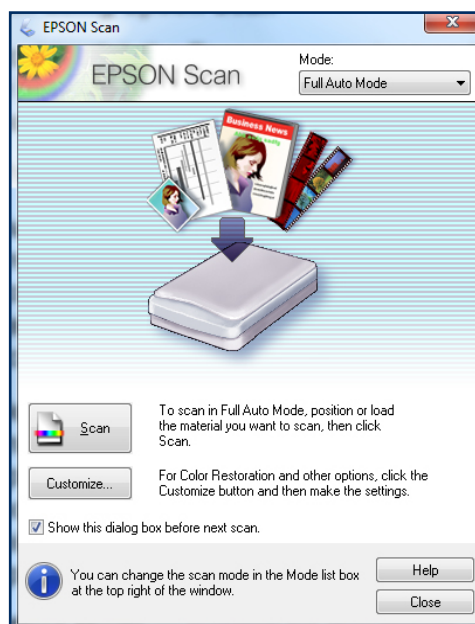
- Save the PDF to your preferred location.

Scan documents using Epson scanners on PCs

6 Scan using Epson Scan

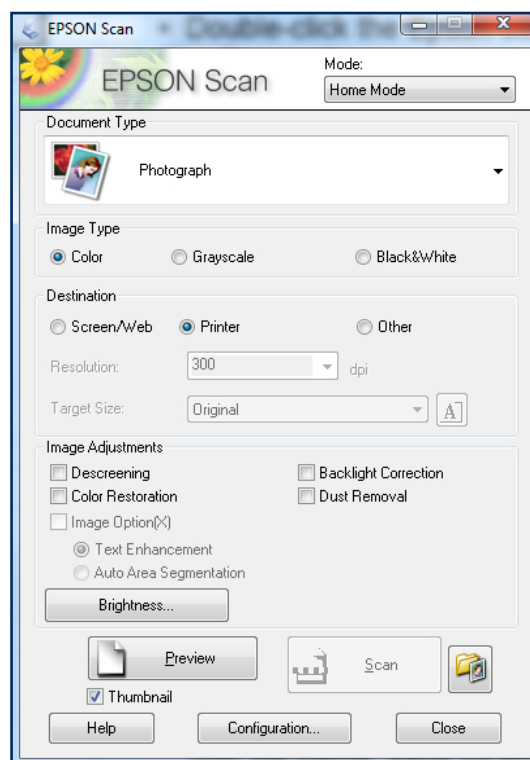
- Double-click the Epson scanner icon on the desktop. The **Epson Scan** panel will most likely open in **Full Auto** mode, which is the default mode.
- There can be up to four modes available in Epson Scan:

Full Auto Mode — **scan anything** — Scan without preview directly to jpeg. The file is named and saved to your home directory automatically. The application closes after each scan. Customisation options are available by accessing sub panels (**Customize** button).



Epson Scan Full Auto Mode

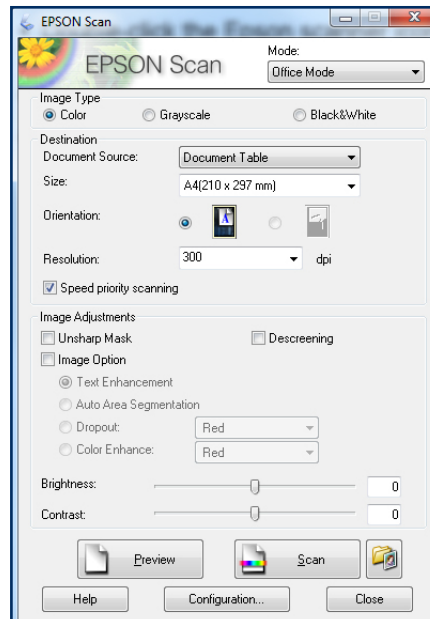
Home Mode — **suitable for photographs** — Basic image adjustment and preview options. The **Scan** button opens a **File Save Options** panel with file name, save location and format options. Click the OK button on this panel to complete the scan. The application remains open after scanning.



Epson Scan Home Mode

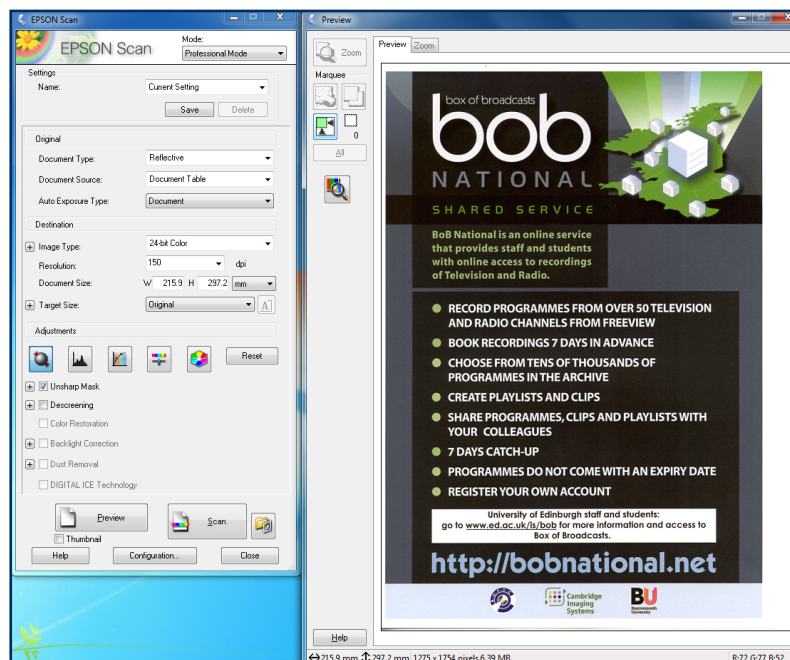
Scan documents using Epson scanners on PCs

Office Mode — suitable for documents — Scan speed priority, preview, document size and orientation options. The **Scan** button opens a **File Save Options** panel with file name, save location and format options. Click the OK button on this panel to complete the scan. The application remains open after scanning.



Epson Scan Office Mode

Professional Mode — scan anything, including film (film scanning available on the V500 and Photo 4990 models only) — Preview, advanced colour and image adjustment options. The **Scan** button opens a **File Save Options** panel with file name, save location and format options. Click the OK button on this panel to complete the scan. The application remains open after scanning.



Epson Scan Professional Mode with Preview

- Clicking the **Preview** button (except in Full Auto Mode) will open a thumbnail preview image of your document. You can use the cropping marquee button to place a dotted frame around the preview image. The marquee can be moved and resized to define a more precise scan area.
- When you are satisfied with the scan settings, click the **Scan** button.
- When the scan is complete, an Explorer window containing a thumbnail of your scanned image will open automatically.

Scan slides and film using the Epson Photo V500 or Epson Photo 4990



Note: For the care of your film and the scanner glass, it is important that your hands are clean before commencing and that you avoid touching the scanner glass. It is also important to avoid touching the image area of your film, as any small dirt specks or fingerprints will become magnified when the images are scanned at high resolution.

1 Open the scanner and remove the cover from inside the lid (please replace the cover before leaving).



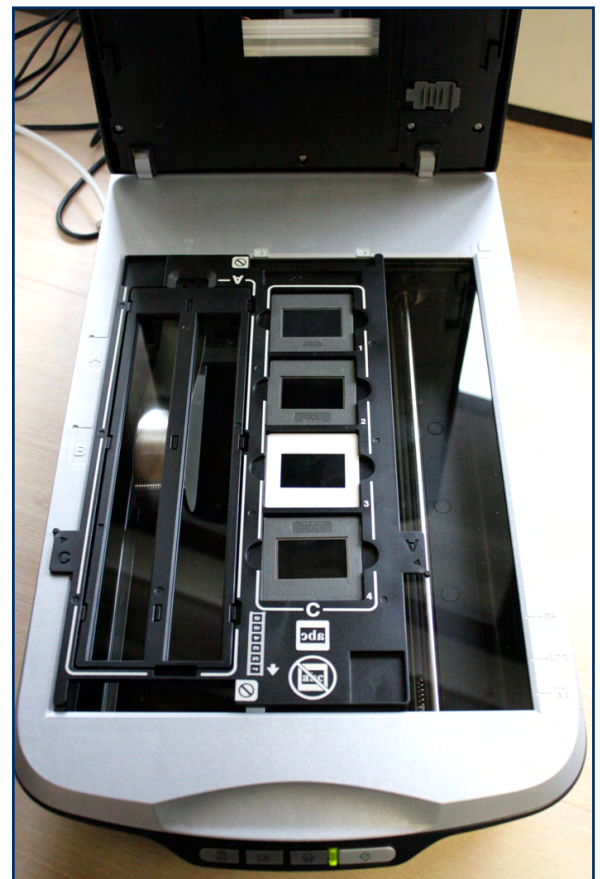
2 Film and slides must be placed in the special holders provided in order to scan accurately. Depending on the scanner model, there are two or more holders available for a variety of film formats. Select the correct holder for yours.

3 Use the appropriate holder (or part of the holder) for your film format. For example, using the Epson V500, the 'A' 'C' holder will allow you to scan 35 mm film strips or slides, the 'B' holder will allow you to scan medium format film.

- **Scanning slides:** place the appropriate holder on the glass, matching any orientation symbols marked or embossed on the scanner bed next to the glass.

Place your slides face down in the spaces provided and ensure they are orientated as indicated by the symbols on the holder (usually face down and landscape, even if the original image is portrait).

- **Scanning film:** secure your film in the appropriate holder **before** placing it on the scanner glass. Ensure the holder is placed on the glass face down and orientated as indicated by the symbols on the holder.

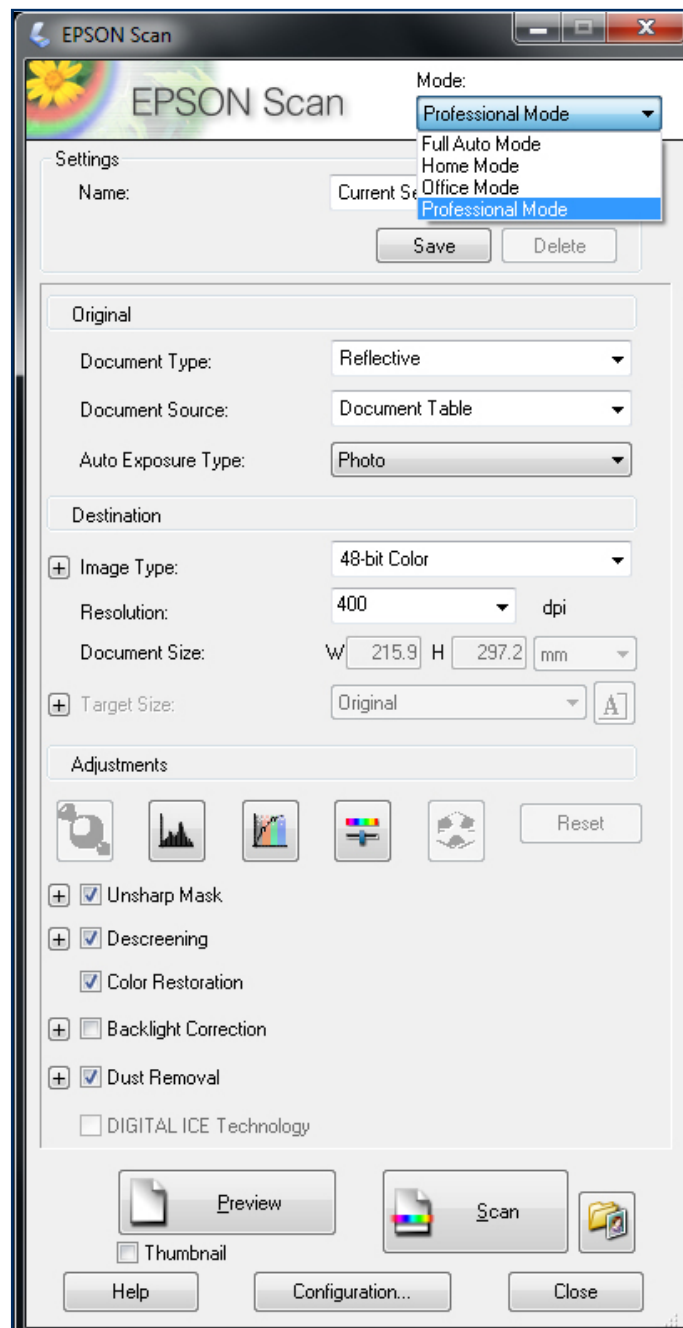


4 Close the cover.

Scan slides and film using the Epson Photo V500 or Epson Photo 4990 on PC

5 Launch **Epson Scan** by double clicking the desktop icon, if available, or from the Start menu (**Start > All Programs > Epson [folder] > Epson Scan > Epson Scan**).

6 Select **Professional Mode** from the drop down menu at the top left of the Epson Scan panel.

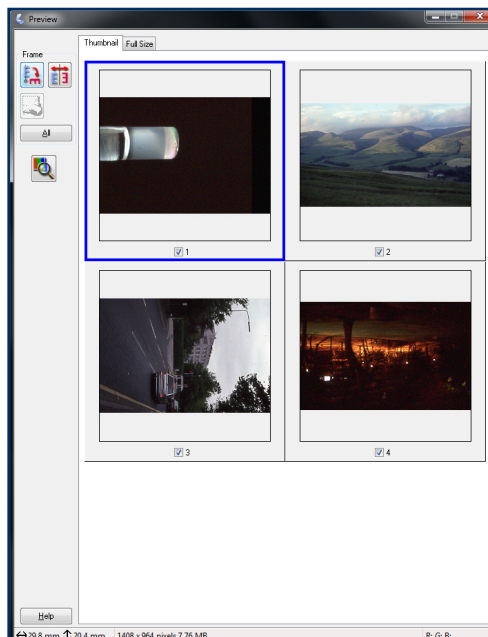


7 Adjust the settings:

- | | |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Document Type: | Film (with Film Holder) |
| Film Type: | Select the appropriate film type from the three options: Positive Film, Colour Negative Film or B&W [black and white] Negative Film. |
| Image Type: | Select colour, greyscale or black and white setting. |
| Resolution: | Set a high resolution, probably around 1200 as a minimum, to produce an image of printable quality and dimensions. |
| Adjustment: | The settings in this selection can be used depending on your preferences. They are not always essential, depending on the condition of your film, but it may be worthwhile experimenting with them and comparing the results. |

Scan slides and film using the Epson Photo V500 or Epson Photo 4990 on PC

8 When you are satisfied with the settings, click the **Preview** button. The scanner may take a few moments to warm up first. The previewed images will appear as thumbnails (unless the thumbnail option in the Epson Scan settings window has been un-ticked). This may take a few moments depending on the settings and resolution you have selected.



9 The image thumbnails will be ticked by default. If you decide not to scan particular previewed images, un-ticking the associated box will prevent them from being scanned.

Note: If you click the **Scan** button at this point, your scanned image will be automatically saved to your home drive (M:). However, scanning slides or film at high resolution can result in large files and if you don't have enough space in your home drive to receive the scanned image, you will encounter an error message and the scan will fail.

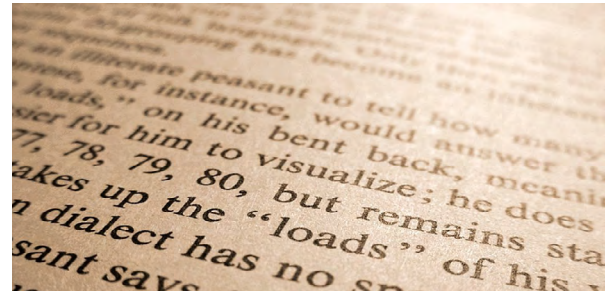
The **File Save Settings** button (to the right of the **Scan** button) will allow you to navigate to and select a different save location if required (the File Save Settings window may open automatically if the Scan button is clicked). The File Save Settings window will also allow you to name and select the file format you require.

See "Troubleshoot scanning" on page 19 for more information about saving scanned images.

10 When you are satisfied with the settings, preview and save location, click the **Scan** button. As with the Preview, scanning may take a few minutes depending on selected settings and resolution.

When you have completed scanning, you may like to crop, clean or further manipulate your images in Photoshop which is available on all uCreate computers.

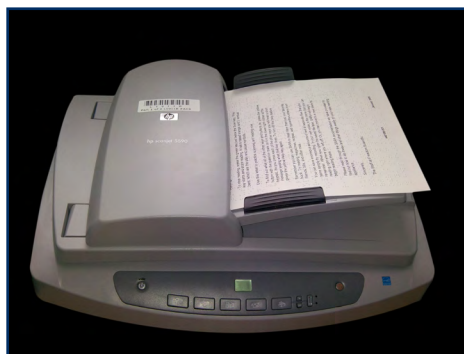
OCR scanning using ABBYY FineReader



ABBYY converts paper and electronic documents into a variety of accessible formats, e.g. from paper to PDF, or PDF to editable text files such .DOC or .RTF.

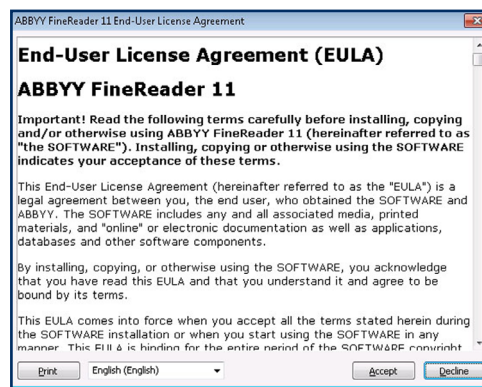
The following explains how you can use the program to scan a paper document, correct it using ABBYY's inbuilt OCR and proofreading tools, and then save it as a Word file.

- 1 Check that the scanner is switched on and that it is connected to the computer.
- 2 Place the document or image you wish to scan in the scanner. Select **Start > All Programs > ABBYY FineReader > ABBYY FineReader**.

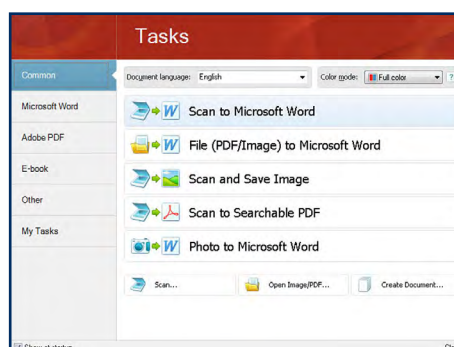


The HP Scanner with document feeder is useful when scanning multiple loose-leaf documents, especially when used for OCR scanning. One of these scanners is available at each uCreate location.

- 3 When ABBYY launches, click **Accept** to agree to the license. The ABBYY Welcome screen window will now open.

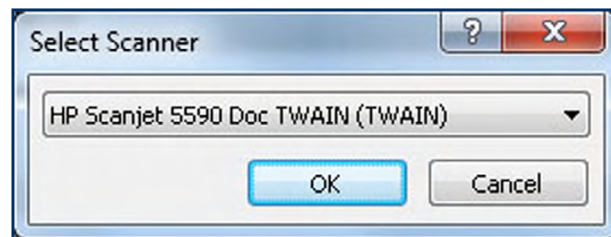


- 4 Select your preferred scanning task, e.g. Scan to Microsoft Word.

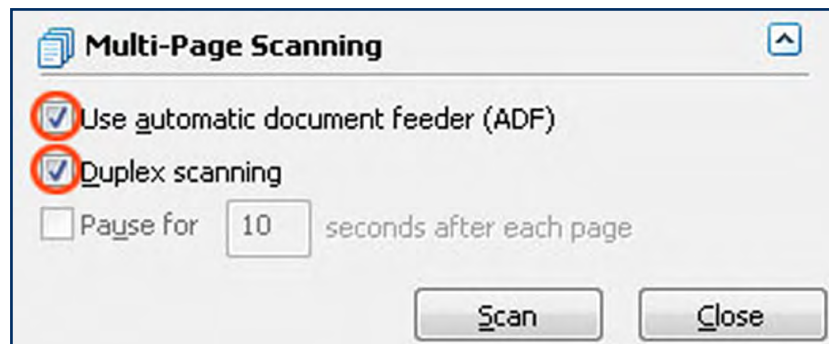


OCR scanning using ABBYY FineReader

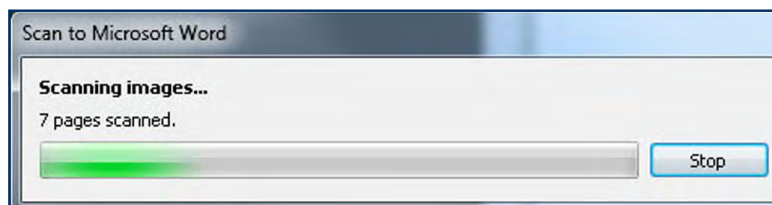
5 Click **OK** to confirm the scanner model. You can now adjust the scanning options.



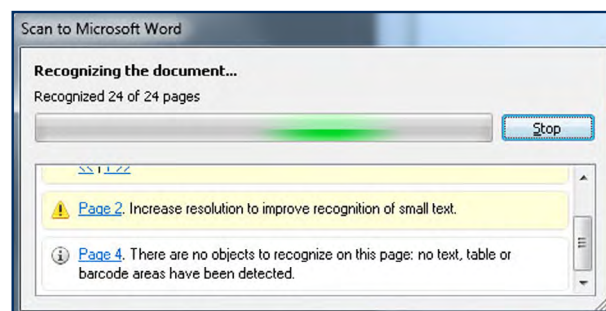
6 Expand the **Multi-Page Scanning** option and tick or un-tick the boxes as required, or according to scanner model.



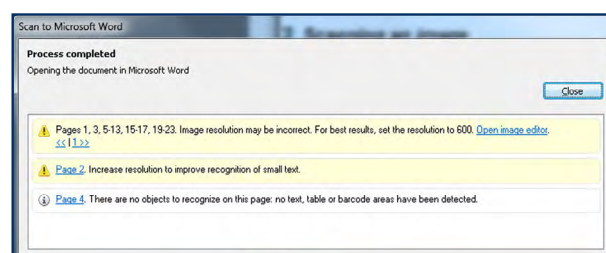
7 Press the **Scan** button to begin scanning. When scanning is complete, click the **Close** button.



8 ABBYY will now attempt to recognize the contents of your document before opening it in Microsoft Word.

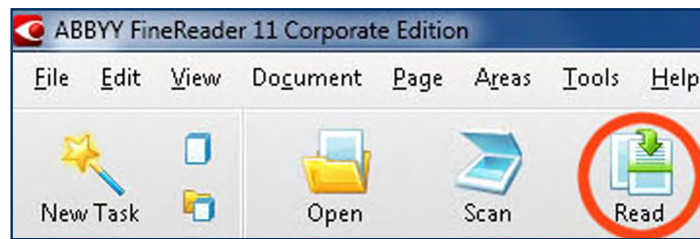


9 When the Word document opens, you have the option to resolve errors which ABBYY has picked up during the character recognition stage.

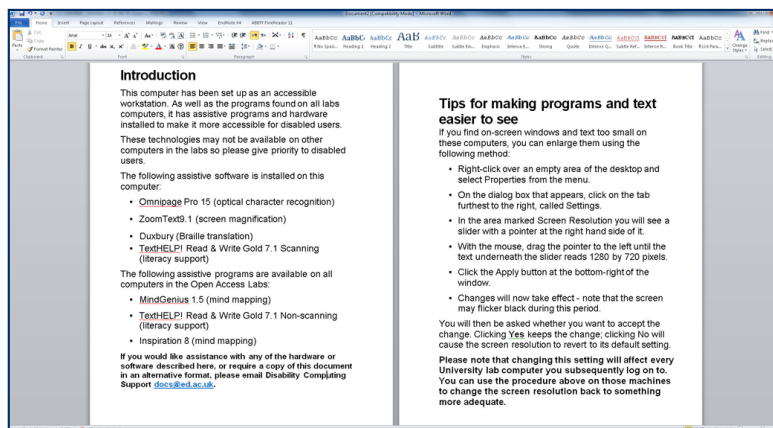


OCR scanning using ABBYY FineReader

10 When errors have been resolved, press the **Read** button on the ABBYY toolbar at the top of the screen to re-recognize the text before sending it to Word.



A new Word document will open containing your scanned text or image with any edits you have carried out.



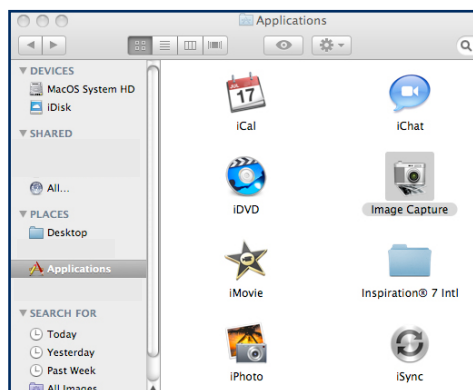
Epson A3 scanners on iMac



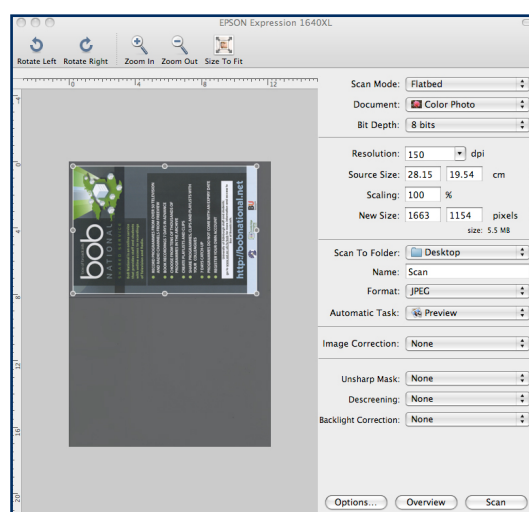
This guide is for scanning with the Epson Expression 1640XL or Epson GT15000 A3 scanners attached to iMacs in uCreate (KB Library Centre and Main Library).

Note: If you encounter an error message when attempting a scan using any uCreate Epson scanner, please consult the Troubleshooting section on page 19.

- 1 Place the document to be scanned face down on the scanner glass (avoid touching the glass).
- 2 Use the black arrow and scale to the left of the scanner glass to position the document correctly.
- 3 In the **Applications** folder, select **Image Capture** to open the scanning application.



- 4 Click the **Show Details** button.
- 5 In the menu on the right, select Detect Enclosing Box from the Auto selection drop-down menu, if you wish to capture all areas of the document to be scanned



- 6 Adjust the marquee edges (the dotted line around the image preview) to the required position.
- 7 Change the save location to your Home drive or personal external device.
- 8 Change any other settings as required, including file save location.
- 9 Click the Scan button to complete the scan.

Large format scanning at uCreate Main Library



The large format scanner in uCreate Main Library can be used to scan documents larger than A3 up to A0.

The large format scanner - accessed at Desk 16



1 Log in to the computer at desk 16 in uCreate Main Library.

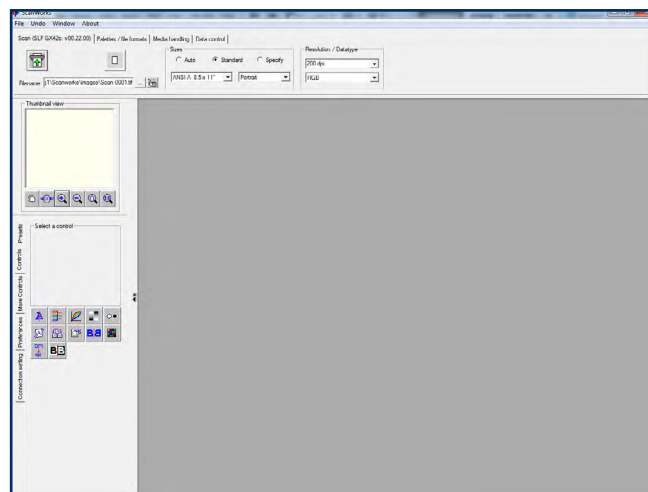
2 Launch the Scanworks software. There is a shortcut on the desktop.

Or you can launch it from the Start menu:

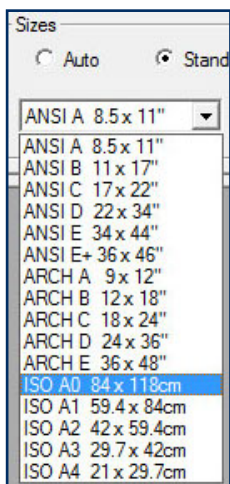
My Computer\C:\Program Files\Colortrac\Scanworks\ScanworksA.exe



3 After the software launch is complete, close any welcome messages which may have appeared so that you can begin entering your preferred settings in the Scanworks panel.



Large format scanning at uCreate Main Library



4 Scanning will normally work with the size set on **Auto**. However, if you prefer, you can set the paper size to match that of the document you are scanning.

5 Adjust the remaining settings as required. When satisfied with the settings, carefully push the edge of your document **face-down** into the scanner's paper feeder. The scanner will sense the paper edge and automatically load the document into position ready for scanning.

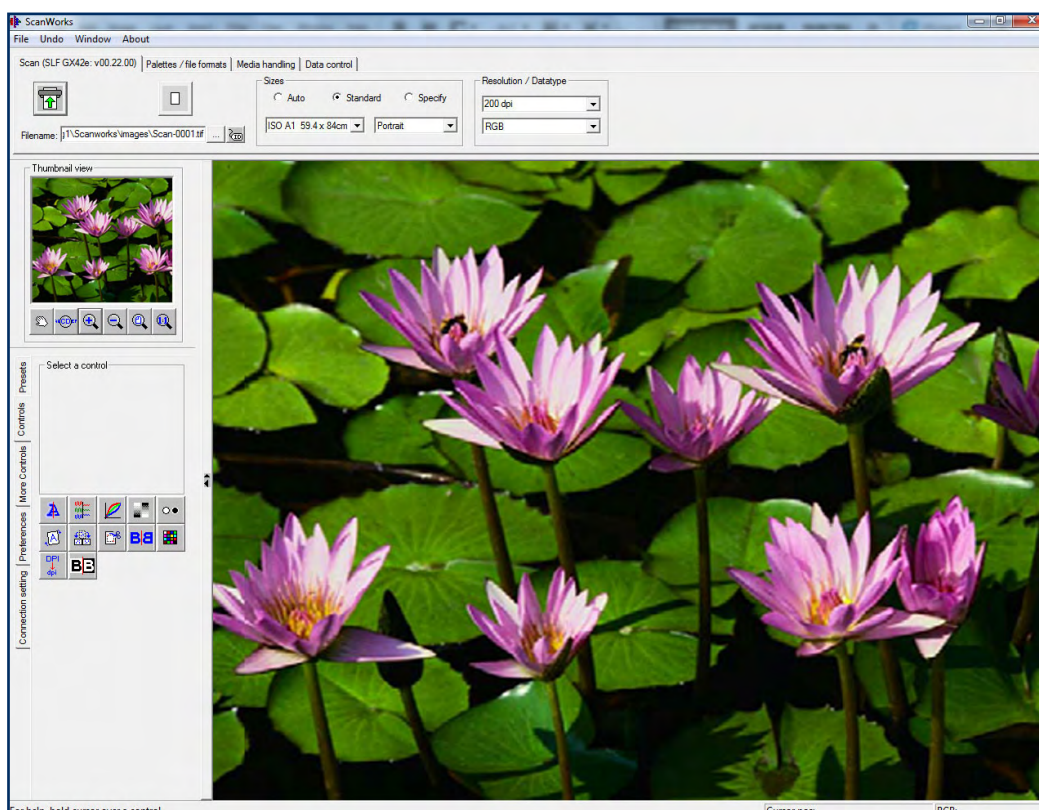
Note: Never attempt to open the scanner top or feed or force anything through it which is thicker than paper. Any of these actions will result in expensive damage to the scanner glass and roller mechanisms. If you need to feed a document backwards or forwards through the scanner to release it, use the direction labelled feed buttons on the scanner's control panel.

6 In the Scanworks interface, click the **Scan** button to begin the scanning process.



7 The document will be scanned as it is automatically fed through the scanner. At the end of the scanning process, the document will drop into the paper bin beneath the scanner.

The scanned image will appear in the Scanworks window



Your TIFF format image file will be automatically saved to your home drive (M:) in a new folder: Documents \ Scanworks \ images.

Note: Attempting to scan large format images may result in file sizes which exceed the capacity of your M: drive and therefore a failed scan.

There is a pre-scan settings option which will allow you to save the file to a different space, such as a memory stick. This setting can be accessed by clicking the Filename browse button (the button with three dots, top left in the Scanworks window) and navigating to your preferred save location.

See Scanning Troubleshooting on page 19 for more information.

Troubleshoot scanning



Note: The majority of scanning problems are caused by not having enough space in your home drive (M:/) to store the scanned image. Your home drive is the default save location if you don't set another before scanning. See the first Solution on this page to find out more about file storage.

Problem: 'Restart scanner' error message after initiating scan using **Epson Scan** software. An error message at this stage almost always means that your Home drive (M drive) is full. Unless you have designated a different save location for your scanned images, the system will automatically attempt to save it to your Home drive by default.

Solution: There are a few things you can do to resolve this problem:

- Clear out some space in your Home drive and attempt the scan again
- Save your scanned image to a portable storage device, such as a memory stick
- Save your scanned image temporarily to the uCreate 'share' drive

Note: The uCreate 'share' drive should only be used as a temporary solution for file storage. The 'share' drive is a public space and files can be accessed by any uCreate user. Please also be aware that files stored in the 'share' drive will be removed within a month.

Problem: 'Cannot find a document...' error message when using **Epson Scan Auto** or **Home** mode when Epson Scan has been launched from the Desktop icon.

Solution: Relaunch the software using the Epson Scan desktop icon and then either select **Home** or **Professional** Mode from the drop down menu on the top right of the panel.

This should allow you to scan without the same error occurring and will also allow you to make adjustments to the settings before scanning, if you wish.

Problem: 'Selected folder is not writable' (or similar) error message when scanning using an Epson A3 scanner attached to iMac may result if **Documents**, **Pictures** or **Desktop** are initially selected while setting a save location.

Solution: Select the **Other** button instead. The save location can now be navigated to or chosen from the original Document, Pictures and Desktop options (though this time they should be selected from the **Finder** sidebar). You should now be able to scan successfully.

Printing

Print A0, A1 and A2 posters



These instructions assume that you have prepared and are ready to print an A0, A1 or A2 poster using one of the large format printers available in uCreate.

Your file should be converted to PDF format for printing. If you've created a file using an application supported in uCreate (e.g. PowerPoint or an Adobe application), PDF conversion can be carried out in uCreate. For help converting files to PDF in uCreate, see the **Create PDFs** guide on page 24.

If you've prepared your file using an application not supported in uCreate, then you will have to convert your file to PDF before visiting uCreate to print.

1 When you are ready to print, open the PDF file on a uCreate computer and select the **Print** option from the **File** menu.

2 From the **Printer** drop-down menu, select either ...**A0plain**... for a plain paper poster or ...**A0glossy**... for a glossy paper poster. There are two queues for each printer - either can be used.

3 Still in the **Print** panel, select **Properties** (may take a few seconds to open) and work through the tabs until all the required settings have been entered. The tab settings are slightly different for printing **Glossy** paper posters in **uCreate Main Library**. Follow the appropriate tab settings below for your poster paper type and printing location:

Tab settings for printing

plain and glossy paper posters at King's Buildings
plain paper posters at Main Library

Advanced – select A0, A1 or A2 from the dropdown menu.

Printing Shortcuts –

- scroll down the options and select **Poster**
- ensure A0, A1 or A2 is selected
- ignore **Orientation**
- Choose paper type: **Coated paper** for plain paper printing or **HP Everyday Pigment Ink Gloss Photo Paper** for glossy paper printing
- push the slider up to **Quality**
- ignore **Color management**

Paper/Quality – ignore this tab

Features – If printing an **A1** or **A2** poster, tick the **Rotate by 90** degrees box under **Roll Options**. This will save paper but won't effect the final orientation of your poster.

Ignore the last two tabs, click **OK** to close the Properties panel but don't click **OK** in the **Print** panel yet.

Tab settings for printing

glossy paper posters at Main Library

Paper/Quality – in the Paper Options section, change the **Size is** drop-down menu to

ISO A0

or **ISO A1**

or **ISO A2**

depending on the size of poster you are printing.

In the **Print Quality** drop-down menu, change the setting to **MaxQuality**.

Effects – If you have created your document using the same dimensions as the poster you are printing (i.e. **A0**, **A1** or **A2** size), then the **Actual Size** button can be selected. If not, then the **Print Document On** button should be selected and **ISO A0**, **A1** or **A2** selected as required in the drop-down menu.

Ignore the last three tabs (unless you wish to change the colour settings in the **Color** tab) and click **OK** to close the Properties panel but **don't** click **OK** in the **Print** panel yet.

Print A0, A1 and A2 posters

4 Scaling: if you have created a poster document / PDF which has larger or smaller dimensions than those of the poster you wish to print, you must scale the document to fit the output size you require.

Select **Fit** or **Shrink to Printable Area** from the **Page Scaling** dropdown menu to scale the document to the correct paper size. If your poster file has been created actual size, then you can select either **None** or **Fit to Printable Area** from the Page Scaling menu.

The thumbnail view in the Print panel will guide you.

5 Click **OK** and wait for the **Print Job Confirmation Box** to pop up. Check that the cost of the poster print is correct and, when ready, click the **Print** button.

If the amount you are being charged seems to be wrong, cancel and go back over the steps above (see www.ed.ac.uk/is/ucreate for poster printing prices).

It can take up to 30 minutes for your poster to print. Don't attempt to pull the poster from the printer, it will be cut automatically from the paper roll when dry.

6 Trim uneven edges or unwanted margins from your poster using the large paper trimmer nearby.

Troubleshoot poster printing

Scaling

Too big - The uCreate large format printers are each set up with three queues to produce precisely A0, A1 or A2 sized prints. A poster of any size may of course be printed within those parameters and trimmed down to size but the three sizes are set and charged for accordingly.

If an attempt is made to print a poster image which is slightly larger (even by a few millimeters) than the dimensions of the queue it has been submitted to, it won't print. Unfortunately, no error message will appear to indicate the problem. To prevent this, select the **Scale** or **Shrink to fit print area** option in the printer settings **before** submitting the file to the queue.

Too small - If a poster has been created using an A4 (or similar sized) template and not at actual size (recommended) and is submitted directly to the printer without scaling, then an A4 image on a big piece of paper will be the result. **Scale** or **Shrink to fit print area** should be selected in the printer settings to scale the image up to the correct size.

A secondary problem can arise from creating a poster image of smaller dimensions than the required large format output. When scaled up to large format, images and graphics can appear pixelated. Little can be done except to source higher quality or larger dimension images (minimum 300dpi for printing).

Flattening

A missing element (usually an image or a graphic) after printing may indicate some invisible layer interactivity. For example, a transparent layer may have been interpreted as opaque by the printer.

This can usually be solved by opening the PDF in Photoshop and flattening it before reprinting:

1 When the PDF is opened in Photoshop, access the Layers panel on the right (if it's not visible select Window > Layers from the main menu at the top of the window).

2 Select all the layers in the panel (select top layer then hold SHIFT and select bottom layer). There may only be one layer visible, which is fine, it should be selected automatically.

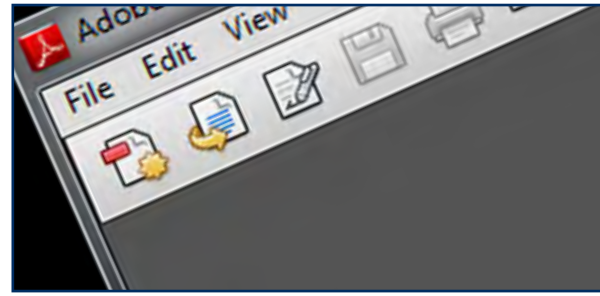
3 Right click on the selected layers and choose 'Flatten image' from the drop down menu. If the 'Flatten image' option is greyed out because the layer is locked, double click on the layer, click OK in the pop up window and repeat step 2 above.

4 Resave to PDF with a new name (make sure to select 'Photoshop PDF' from the drop down options in the 'Save As' window - be careful NOT to select 'Photoshop PDS' or any other option).

5 Reprint the poster from the new PDF.

File Conversion

Create PDFs



PDFs can be created from any file format capable of being hard copy printed, such as text documents, images and graphics and publishing files.

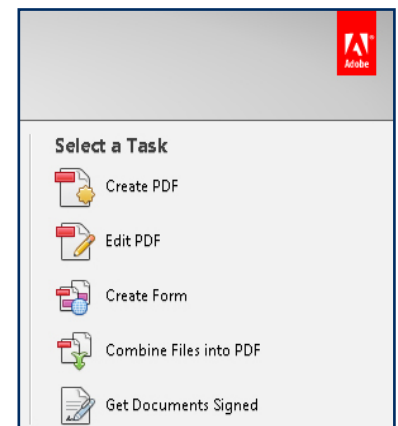
Note: If creating a PDF from a desktop publishing application such as Adobe InDesign, the option to **Export** to PDF will usually be available in the File menu. You should use this option to create a PDF where available.

Where you are offered an opportunity to set the PDF quality, the settings should be adjusted according to what the PDF is required for, e.g. 'High Quality' for printing or 'Standard' for viewing and emailing. **High Quality** should always be selected for poster and graphics printing.

Use Adobe Acrobat to create a standard PDF

Suitable for emailing, online reading and every day printing

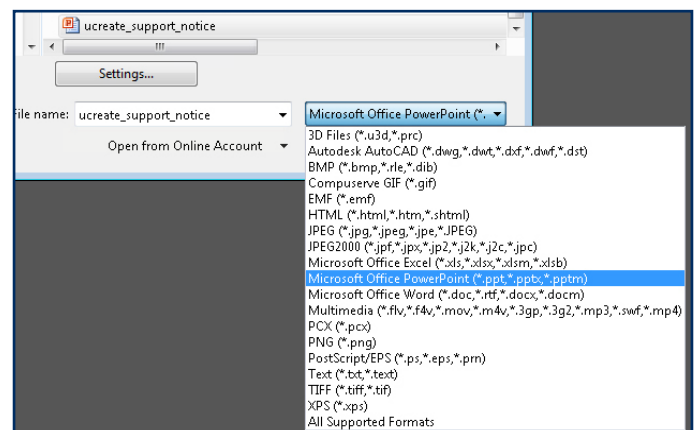
- 1 Log in to a uCreate PC workstation and launch **Adobe Acrobat** from the **Start** menu (PC) or from the **Applications** folder (Mac).
- 2 From the Adobe Acrobat **launch panel**, select **Create PDF**. A navigation window will open.
- 3 Navigate to the location of the file you wish to convert to PDF. Select the file and click **Open**.
- 4 A new PDF version of your file will be created and open automatically. The PDF can now be saved using the **Save** button in the menu at the top of the PDF (or you can also use **File > Save** on PC).



Use Adobe Acrobat to create a High Quality Print PDF

Suitable for high quality image and graphics printing

- 1 Follow steps 1 and 2 for creating a standard PDF, as above.
- 2 Navigate to the location of the file you wish to convert to PDF. Click once on the file to select it.
- 3 In the format drop-down menu at the bottom of the navigation window (the default selection should be **All Supported Formats**), select the file format of your original file (e.g. Microsoft Office Word).
- 4 After making your format selection, you'll notice that the **Settings** button has changed to an active state, rather than being greyed-out.
- 5 Click the **Settings** button to open the **Adobe PDF Settings for supported documents** panel. Using the drop-down menus in the panel, select the quality settings preferred (e.g. High Quality Print for a poster).
- 6 Click **OK**. When created, the PDF will open automatically. Save it to your preferred location.



Use a document's Print menu to Create a PDF

You may have a document open already from which you would like to create a PDF. You can create a PDF from an open document without having to launch Acrobat.

Create a Standard PDF

On a PC: In the open document go to **File > Print** and from **Printer** the drop-down menu, select **Adobe PDF**.

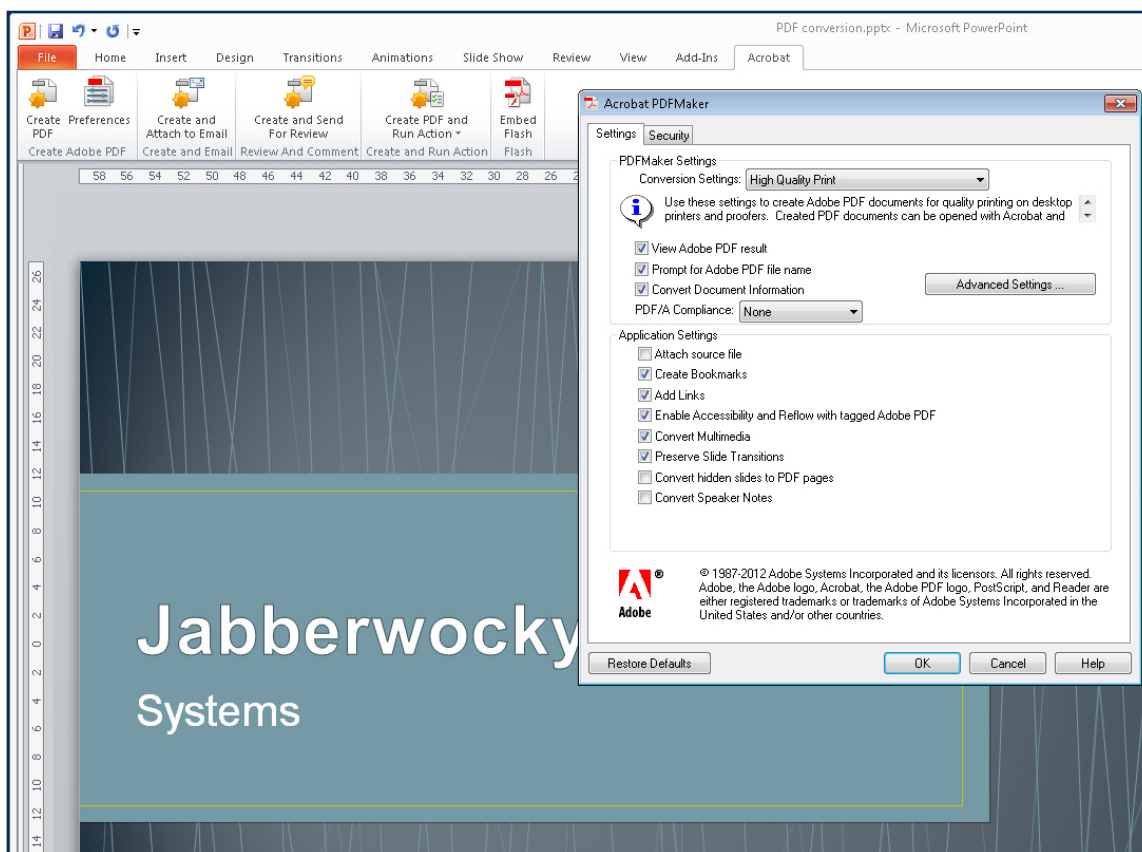
On a Mac: In the open document go to **File > Print** and click the **PDF** button at the bottom left on the Print panel then select **Save as PDF** from the drop-down menu.

The two procedures above will result in Standard PDFs, which may not be of high enough quality for printing documents with images and graphics, such as posters, but will be suitable for emailing or reading online.

Use a document's PDF menu buttons to create a PDF

You can also create a Standard or High Quality PDF from a document which is already open when there are PDF shortcut buttons available.

Depending on operating system and file format, a PDF can be created using tabs and buttons in the menu bar of some applications. The image below shows the PDF Maker buttons within the Acrobat tab of the PowerPoint 2010 ribbon menu (with the Acrobat PDF Maker panel used for refining quality).



If you only require a standard PDF, you can simply use the **Create PDF** button (above left). This will open a Windows navigation panel which will allow you some basic settings and the usual saving and naming options.

If you require a High Quality PDF, use the **Preferences** button to open the **Acrobat PDF Maker** panel, enter your preferred settings and click **OK**.

Now use the **Create PDF** button to create a PDF document with the quality and application settings you have entered.

Video

VHS to DVD transfer at uCreate King's Buildings



- 1** Switch on the DVD recorder, VHS player and screen. The screen switch is located on its right edge.
- 2** Using the **AV Input** button on the screen edge (below the power button) select **AV1** as indicated on the screen display.
- 3** Push the video cassette into the slot at the front of the VHS player (label side up) and queue up the tape to the beginning of the section you wish to record.
- 4** Press the **DVD** button on the DVD recorder. The button will be lit orange when selected.
- 5** Press the DVD recorder eject button to open the disk tray and place a blank DVD disk in the tray. Press the eject button again to close it. If the DVD is not blank, the recorder will format it automatically before recording during which the screen will display **Loading... Disk formatting**. This procedure may take a few minutes.
- 6** When ready, press the record button [**●REC**] and immediately press the **Play** button on the VHS player. Your VHS will now be digitised and stored to the recorder's hard drive.
- 7** You can leave the player and recorder to run until either the tape has ended or the DVD is full or you can stop the recording at a chosen point by pressing the stop recording button [**■REC STOP**]. If you are recording selected clips rather than a whole tape, you should be able to continue doing so until the DVD is full or you are ready to finalise the disk.
- 8** When recording has stopped, the screen will display **Recording information to disk**. When this process has completed you must now use the DVD recorder's remote control to finalise the disk.

Note: the disk must be finalised after recording or it will not be playable.

- 9** On the remote control, press the **System Menu** button to bring up the screen menu. Navigate to **Disk setup** using the arrow keys and press the **Enter** button.
- 10** Navigate to **Finalise** in the left menu, select **Finalise** again from the middle menu then **Next screen** from the right menu.
- 11** Select a **Menu screen background** and press **Enter**. Choose **Yes** then press **Enter** to continue or select **No** to go back and select a different menu background.
- 12** After you have chosen your background and selected to continue, the finalisation process will begin. This may take a few minutes.
- 13** When finalisation is complete, you will be returned to the **Disk setup** menu. Press the **Exit** button on the remote control as many times as required to exit the **System Menu** completely.
- 14** You can now test that the DVD has recorded and finalised successfully by pressing the play button on the DVD recorder.

Don't forget to remove your VHS tape and recorded DVD. Please switch the equipment off after use.

